

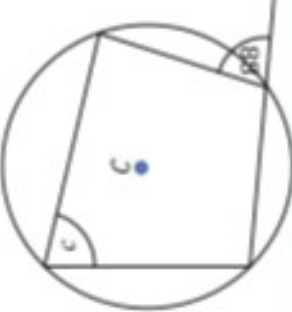
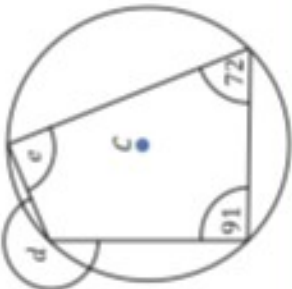
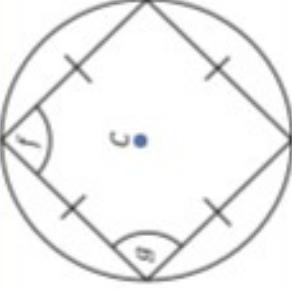


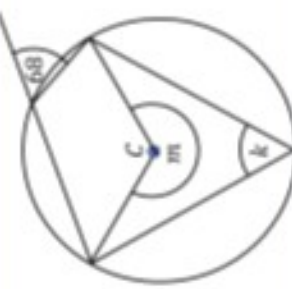
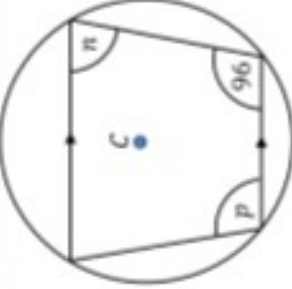
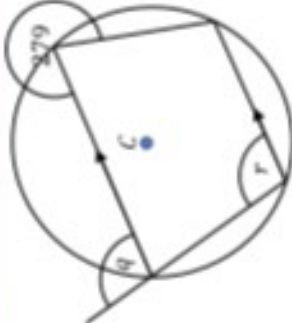
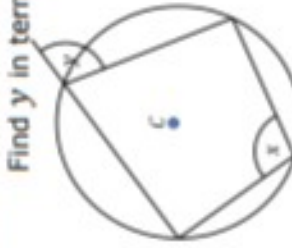

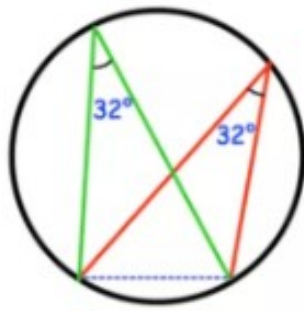


## **(5) Angles in the same segment**

Do now:

Cyclic Quadrilaterals				
(a)	(b)	(c)	(d)	
				
(e)	(f)	(g)	(h)	
				
(i)	(j)	(k)	(l)	
				Find y in terms of x
		Find y in terms of x		



The angles in the same segment from a common chord are equal

Angles from the Same Segment			
<b>(a)</b>	<b>(b)</b>	<b>(c)</b>	<b>(d)</b>
<b>(e)</b>	<b>(f)</b>	<b>(g)</b>	<b>(h)</b>
<b>(i)</b>	<b>(j)</b>	<b>(k)</b>	<b>(l)</b>

Extension: Determine angle AOB in terms of  $x$

